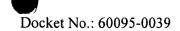## AMENDMENTS TO THE CLAIMS

Please amend Claims 1, 8, 12, 13, 15, and 17 as follows:
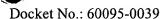
1   1.   (Currently Amended) A method for operating a network of point of presence

2   servers [[.]] sharing a hostname, the method comprises:

3   receiving a request from a user for a web page at a first web address, the

4   first web address including the hostname;

5   determining traffic loads of a plurality of customer web servers, each of

6   the customer web servers storing the web page;

7   determining a customer web server from the plurality of customer web

8   servers that is appropriate for the request, the customer web server having a traffic load

9   lower than traffic loads of remaining customer web servers from the plurality of customer

10   web servers;

11   determining an IP address of the customer web server;

12   directing the request from the user to the customer web server; thereafter

13   receiving a request from the user for static content on the web page at a

14   second web address, the second web address including a the hostname;

15   determining service metrics of point of presence servers in the network of

16   point of presence servers;

17   determining the point of presence server from the network of point of

18   presence servers that is appropriate for the request for static content, the point of presence

19   server having service metrics better than service metrics of remaining point of presence

20   servers from the network of point of presence servers;

21   retrieving the static content from the point of presence server; and

22   providing the static content to the user.

1   2.   (Original) The method of claim 1 further comprising determining

2   load of point of presence servers in the network of point of presence servers;

3   wherein determining the point of presence server from the network of point of

4   presence servers that is appropriate for the request, the point of presence server having a

5   latency and a load lower than latency or load of the remaining point of presence servers from

6   the network of point of presence servers.

1   3.   (Original) The method of claim 1 further comprising:

2   determining whether the point of presence server includes the static content;

3 determining a web server that includes the static content when the point of

4 presence server does not include the static content;

5 retrieving the static content from the web server that includes the static

6 content; and

7 storing the static content from the web server in the point of presence server.

1 4. (Original) The method of claim 3 wherein determining the web

2 server comprises:

3 determining traffic loads of the plurality of customer web servers, each of the

4 customer web servers storing the static content; and

5 determining another customer web server from the plurality of customer web

6 servers that is appropriate for the request, the another customer web server having a traffic

7 load lower than traffic loads of remaining customer web servers from the plurality of

8 customer web servers.

1 5. (Original) The method of claim 4 wherein retrieving the static

2 content from the web server comprises:

3 determining another IP address of the another customer web server; and

4 requesting the static content from the another customer web server at the

5 another IP address.

1 6. (Original) The method of claim 1 wherein the network of point of

2 presence servers comprises a domain name server.

1 7. (Original) The method of claim 1

2 wherein the request from the user for the web page is transferred from a first

3 domain name server;

4 wherein the network of point of presence servers comprises a second domain

5 name server; and

6 wherein the second domain name server determines the customer web server

7 from the plurality of customer web servers.

1 8. (Currently Amended) A method for operating a network of point

2 of presence servers comprises:

3 receiving a first request from a client DNS server to resolve a first domain

4 name, the client DNS server receiving a request from a user of a web page address that

5 includes the first domain name;

6   determining load measurements of a plurality of customer web servers, each

7   of the customer web servers addressable by the first domain name, and each of the customer

8   web servers configured to service the request from the user;

9   determining a customer web server from the plurality of customer web

10   servers, the customer web server having a traffic load ~~measurements~~ lower than traffic loads

11   ~~measurements~~ of other customer web servers from the plurality of customer web servers;

12   determining an IP address of the customer web server;

13   providing the IP address of the customer web server to the client DNS server;

14   thereafter

15   receiving a second request from the client DNS server to resolve a second

16   domain name, the client DNS server receiving a request from the user of a uniform resource

17   locator that includes the second domain name;

18   determining performance metric measurement of point of presence servers in

19   the network of point of presence servers, each of the point of presence servers addressable by

20   the second domain name;

21   determining a point of presence server from the network of point of presence

22   servers, the point of presence server having performance metrics ~~measurements~~ lower than

23   performance metrics ~~measurements~~ of other point of presence servers from the network of

24   point of presence servers;

25   providing the IP address of the point of presence server to the client DNS

26   server;

27   retrieving data from the point of presence server in response to the uniform

28   resource locator; and

29   providing the data to the user.

1   9.   (Original) The method of claim 8 wherein the load measurements

2   comprise latency measurements.

1   10.   (Currently Amended) The method of claim 8 wherein the

2   performance metric measurements comprise any of: load CPU and memory

3   measurements, HTTP response measurements, and FTP response measurements.

1   11.   (Original) The method of claim 8 wherein retrieving data from the

2   point of presence server comprises:

3   determining whether the point of presence server includes the data;

4   retrieving data from another customer web server from the plurality of

5   customer web servers when the point of presence server does not include the data; and

6   storing the data within the point of presence server.

1   12.   (Currently Amended) The method of claim 11 wherein retrieving

2   data from the other customer web server comprises:

3   determining the other customer web server from the plurality of customer web

4   servers, the other customer web server having a traffic load ~~measurements~~ lower than traffic

5   loads ~~measurements~~ of remaining customer web servers from the plurality of customer web

6   servers; and

7   retrieving the data from the other customer web server.

1   13.   (Currently Amended) The method of claim 8 further comprising:

2   receiving a first request from a second client DNS server to resolve a third

3   domain name, the second client DNS server receiving a request from a second user of a

4   second web page address that includes the third domain name;

5   determining load measurements of a plurality of second customer web

6   servers, each of the second customer web servers addressable by the third domain name, and

7   each of the second customer web servers storing data configured to service the request from

8   the second user;

9   determining a second customer web server from the plurality of second

10 customer web servers, the second customer web server having a traffic load ~~measurements~~

11 lower than traffic loads ~~measurements~~ of other second customer web servers from the

12 plurality of second customer web servers;

13   determining an IP address of the second customer web server; and

14   providing the IP address of the second customer web server to the second

15 client DNS server.

1   14.   (Original) The method of claim 13 further comprising:

2   receiving a second request from the second client DNS server to resolve the

3   second domain name, the second client DNS server receiving a request from the second user

4   of a second uniform resource locator that includes the second domain name;

5   retrieving a second set of data from the point of presence server in response to

6   the second uniform resource locator; and

7   providing the second set of data to the user.

1   15.   (Currently Amended) A method for a network of point of presence

2   servers comprises:

3   receiving at a first point of presence server a first request from a first client

4   DNS server to resolve a first domain name, the first request from the first client DNS server

5   determined in response to a first uniform resource locator entered by a first user, the first

6   uniform resource locator comprising the first domain name;

7   receiving at a second point of presence server a first request from a second

8   client DNS server to resolve the first domain name, the first request from the second client

9   DNS server determined in response to the first uniform resource locator entered by a second

10   user, the first uniform resource locator comprising the first domain name;

11   determining at the first point of presence server traffic measurements of a

12   plurality of customer web servers, each of the customer web servers addressable by the first

13   domain name, and each of the customer web servers storing data associated with the first

14   uniform resource locator;

15   determining at the first point of presence server a first customer web server

16   from the plurality of customer web servers, the first customer web server having traffic[[e]]

17   ~~measurements~~ loads lower than traffic load<u>s</u> ~~measurements~~ of other customer web servers

18   from the plurality of customer web servers;

19   determining at the second point of presence server the first customer web

20   server from the plurality of customer web servers, the first customer web server having

21   traffic[[e]] ~~measurements~~ loads lower than traffic load<u>s</u> ~~measurements~~ of other customer web

22   servers from the plurality of customer web servers;

23   determining at the first point of presence server an IP address of the first

24   customer web server;

25   determining at the second point of presence server an IP address of the first

26   customer web server;

27   providing from the first point of presence server the IP address of the first

28   customer web server to the first client DNS server and to the second client DNS server;

29   providing from the second point of presence server the IP address of the first

30   customer web server to the first client DNS server and to the second client DNS server;

31   thereafter

32   receiving at the first point of presence server a second request from the first

33   client DNS server to resolve a second domain name, the second request from the first client

34   DNS server determined in response to a second uniform resource locator comprising the

35   second domain name, the second uniform resource locator from the first customer web server;

36   receiving at the second point of presence server a second request from the

37   second client DNS server to resolve the second domain name, the second request from the

38   second client DNS server determined in response to the second uniform resource locator

39   comprising the second domain name, the second uniform resource locator from the first
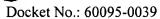
40   customer web server;

41 determining at the first point of presence server performance metric

42 measurement between the first point of presence server and other point of presence servers in

43 the network of point of presence servers, each of the point of presence servers addressable by

44 the second domain name;

45 determining at the second point of presence server performance metric

46 measurement between the second point of presence server and other point of presence servers

47 in the network of point of presence servers;

48 determining at the first point of presence server performance metric

49 measurement between the second point of presence server and other point of presence servers

50 in the network of point of presence servers;

51 determining at the first point of presence server a third point of presence

52 server from the network of point of presence servers, the third point of presence server having

53 performance metric̲s̲ ~~measurements~~ lower than performance metric̲s̲ ~~measurements~~ with

54 regards to the first point of presence server;

55 determining at the second point of presence server a fourth point of presence

56 server from the network of point of presence servers, the fourth point of presence server

57 having performance metric̲s̲ ~~measurements~~ lower than performance metric̲s̲ ~~measurements~~

58 with regards to the second point of presence server;

59 retrieving data from [[a]] the̲ third point of presence server;

60 retrieving ~~the~~ data from the fourth point of presence server;

61 providing the data from the third point of presence server to the first user; and

62 providing the data from the fourth point of presence server to the second user.

1 16. (Original) The method of claim 15 wherein the traffic

2 measurements comprise latency measurements.

1 17. (Currently Amended) The method of claim 15 wherein the

2 performance metric measurements comprise any of: CPU load measurements, HTTP

3 response measurements, and̲ FTP response measurements.

1 18. (Original) The method of claim 15 wherein retrieving data from

2 the third point of presence server comprises:

3 determining whether the third point of presence server includes the data;

4 retrieving data from another customer web server from the plurality of

5 customer web servers when the third point of presence server does not include the data; and

6 storing the data within the third point of presence server.

1   19.   (Original) The method of claim 18 wherein retrieving data from the

2   other customer web server comprises:

3   determining the other customer web server from the plurality of customer web

4   servers, the other customer web server having load measurements lower than load measurements

5   of remaining customer web servers from the plurality of customer web servers; and

6   retrieving the data from the other customer web server.

1   20.   (Original) The method of claim 15 wherein the first domain name

2   and the second domain name are the same.